Please type a plus sign (+) inside this box + + Under the Paperwork Reduction Act 5, no persons are required to	Patent and Tra-	PTC/SB/08A (10-96) PTC/SB/08A (1	+
PE Substitute for form 1449A/PTO		omplete if Known	
S NEODINATION DIGGLOSUPE	Application Number	09/647,648	
2 6 2001 HINFORMATION DISCLOSURE	Filing Date	10/03/2000	
I STATEMENT BY APPLICANT	First Named Inventor	Anthony A. ANTHONY	
3	Group Art Unit	5611	
(use as many sheets as necessary)	Examiner Name	Not Assigned	
Sheet 1 of 3	Attorney Docket Number	6521-3-1-PCT-US	

				U.S. PATENT DOC	UMENTS	
Examin Initials	No.1	U.S. Patent I Number	Document Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Whore Relevant Passages or Relevant Figures Appear
a		3,790,858		Brancaleone et al.	02/05/1974	·
′	AB	3,842,374		Schlicke	10/15/1974	
	AC	4,139,783		Engeler	02/13/1979	
	AD	4,262,317		Baumbach	04/14/1981	
	AE	4,335,417		Sakshaug et al.	06/15/1982	
	AF	4,688,151		Kraus et al.	08/18/1987	
	AG	4,772,225	,	Ulery	09/20/1988	
	AH	4,789,847		Sakamoto et al.	12/06/1988	
	ΑĬ	4,814,295		Mehta	03/21/1989	
	AJ	4,967,315		Schelhorn	10/30/1990	
	AK	5,059,140		Philippson et al.	10/22/1991	
	AL	5,065,284		Hernandez	11/12/1991	. /
	AM	5,140,497		Kato et al.	08/18/1992	
	AN	5,142,430		Anthony	08/25/1992	
	AO	5,186,647		Denkmann et al.	02/16/1993	
	AP	5,243,308		Shusterman et al.	09/07/1993	
	AQ	5,299,956		Brownell et al.	04/05/1994	
	AR	5,310,363		Brownell et al.	05/10/1994	
	AS	5,311,408		Ferchau et al.	05/10/1994	
4	AT	15,321,373		Shusterman et al.	06/14/1994	7

				FOR	EIGN PATENT DOCUMEN	TS		
Examiner Initials		Office	Foreign Patent Do Number4	Kind Codes (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Unes, Where Relevent Passages or Relevent Figures Appear	T®
906	AAA	JР	3-18112		Sakamoto	01/25/1991		X
	AAB	JP	6-53048			02/25/1994		
	AAC	JP	6-53049			02/25/1994		
	AAD	JP	6-53075		Baakusu	02/25/1994		X
	AAE	JP	6-53077			02/25/1994		
	AAF	JР	6-53078_		Shimura et al.	02/25/1994		X
	AAG	JР	6-84695			03/25/1994		\mathbf{I}_{-}
	AAH	JP	6-151014		Ikematsu et al.	05/31/1994	<u> </u>	X
	AAI		6-151244			05/31/1994		
*	LAA	IJР	6-151245		Shimura et al.	05/31/1994		IX

	<u></u>		
Examiner	<u> </u>	Date	0 10
Signature	Yeremy Norric	Considered	2-12-04

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Weshington, DC 20231.

Mus Johns

Just 50 Just

+

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the petent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 it possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Please type a plus	aign (+) inside	this Dox	+

PTO/SB/08A (10-96)
Approved for use through 10/31/99. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE coffection of information unless it contains a valid OMB control number.

the Paperwork Reduction Act of 1995, no persons are required to respond to Substitute for form 1449A/PTO 2 6 2000

BADEMAE

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

of 3 Sheet

Compl te if Known						
Application Number	09/647,648					
Filing Date	10/03/2000					
First Named Inventor	Anthony A. ANTHONY					
Group Art Unit	5611					
Examiner Name	Not Assigned					
Attorney Docket Number	6521-3-1-PCT-US					

	,		U.S. PATENT DOC	UMENTS	
Examine Initials	Cite	U.S. Patent Docume: Number Kind Co (# know	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevent Passages or Relevent Figures Appear
CON	AU	5,321,573	Person et al.	06/14/1994	
	ΑV	5,326,284	Bohbot et al.	07/05/1994	
	AW	5,337,028	White	08/09/1994	
		5,353,202	Ansell et al.	10/04/1994	
	AY	5,362,249	Carter	11/08/1994	
	AZ	5,362,254	Siemon et al.	11/08/1994	
	BA	5,396,201	Ishizaki et al.	03/07/1995	//
	BB	5,414,393	Rose et al.	05/09/1995	
	BC	5,432,484	Klas et al.	07/11/1995	/
	BD	5,446,625	Urbish et al.	08/29/1995	
	BE	RE35,064	Hernandez	10/17/1995	
	BF_	5,477,933	Nguyen	12/26/1995	
\Box	BG	5,500,785	Funada	03/19/1996	
	BH	5,512,196	Mantese et al.	04/30/1996	
	BI_	5,535,101	Miles et al.	07/09/1996	
	BJ	5,555,150	Newman, Jr.	09/10/1996	
	BK	5,586,007	Funada	12/17/1996	
	BL	5,592,391	Muyshondt et al.	01/07/1997	
П	BM	5,640,048	Scina	06/17/1997	
	BN	5,700,167	Pharney et al.	12/23/1997	

				FOR	IGN PATENT DOCUMENT	8		
Examiner Initials		Office ³	Foreign Patent Docu	rment Kind Code ⁵ (# known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	₩.
(20)	AAK	JP	6-325977			11/25/1994	1	
7	AAL		7-235406		7	09/05/1995		
 	AAM		7-235852			09/05/1995		<u> </u>
	AAN	JP	7-240651			09/12/1995		—
	AAO	JP	8-124795			05/17/1996		-
	AAP	JP_	8-172025			07/02/1996		ل با
Π	AAQ		11-214256		Yasuhiro et al.	08/06/1999	<u> </u>	X
\sqcap	AAR	DE	198 57 043 C1		Reindl et al.	03/02/2000	<u> </u>	X
4			00/16446		Belau et al.	03/23/2000	 	X
	1	1				<u> </u>		

Examiner		Date 0 10 and
1	Marris Warris	Considered 2-12-00
Signature	yereny worris	70000000

*EXAMINER: Initial If reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the sertal number of the patent document. ³ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this bo	Patent and Tradems	PTO/SB/08A (10-96) Lived for use through 10/31/99, OMB 0851-0031 ark Office: U.S. DEPARTMENT OF COMMERCE on unless if contains a valid OMB control number.
Substitute for form 1449A/PTO	C	omplete if Known
4	Application Number	09/647,648
্বি INFORMATION DISCLOSURE	Filing Date	10/03/2000
则 STATEMENT BY APPLICANT	First Named Inventor	Anthony A. ANTHONY
1 9	Group Art Unit	5611
(use as many sheets as necessary)	Examiner Name	Not Assigned
Sheet 3 of 3	Attorney Docket Number	6521-3-1-PCT-US

xamine nitials	Cite No.1	U.S. Patent Number	Control Code (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Pasages or Relevant Figures Appear
Chan	во	5,767,446		Ha et al.	06/16/1998	
79	BP	5,797,770		Davis et al.	08/25/1998	
	BQ	5,808,873		Celaya et al.	09/15/1998	
	BR	5,825,628		Garbelli et al.	10/20/1998	
	BS	5,828,093		Naito et al.	10/27/1998	
	BT	5,838,216		White et al.	11/17/1998	
$\perp L$	BU	5,880,925		DuPre et al.	03/09/1999	<u> </u>
	BV	5,889,445		Ritter et al.	03/30/1999	
		5,909,350		Anthony	06/01/1999	
		6,018,448		Anthony	01/25/2000	
	BY	6,034,864		Naito et al.	03/07/2000	
	BZ	6,038,121		Naito et al.	03/14/2000	
	CA	6,072,687		Naito et al.	06/06/2000	_ <i>f</i>
\$	CB	6,097,581		Anthony	08/01/2000	
	 	 				
	↓	<u> </u>			J	· · · · · · · · · · · · · · · · · · ·
	 	 				
	+-	 				
	1	 		 	 	

				FORE	IGN PATENT DOCUMEN	rs .		
Exeminer Initals	miner Cite		Foreign Patent Document Kind Code ^a (If known)		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevent Passages or Relevent Figures Appear	Te
		├ ─-├				 		
		 				 		╀╌
						}		┼
		 				 		+-
							-	1.

Examiner	()	Date
	40court barre	Considered 2-12-04
Signature	TEPENY WORK 15	CONTROL

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Class/suts/

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the sental number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

C 2 6 200

TRADEM

Piease type à plus sign (+) inside this box + Approved for use through 10/31/99. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

OTHER PRIOR ART . NON BATENT LITERATURE DOCUMENTS

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Complete if Known 09/647,648 10/03/2000 Application Number Filing Date Anthony A. ANTHONY First Named Inventor 5611 Group Art Unit Not Assigned Examiner Name

(use as many sheets as necessary) of 1

Attorney Docket Number 6521-3-1-PCT-US

		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner nitials	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²		
PCT International Search Report for International Application No. PCT/US98/06962					
	A2	PCT International Search Report for International Application No. PCT/US99/01040 April 19, 1999			
	A3	PCT International Search Report for International Application No. PCT/US99/07653 July 19, 1999	\perp		
	Δ4	PCT International Search Report for International Application No. PCT/US00/11409 September 18, 2000	\perp		
	A5	PCT International Search Report for International Application No. PCT/US00/14626 September 13, 2000			
4	A6	PCT International Search Report for International Application No. PCT/US00/16518 November 8, 2000			
		T C			
·		0.0 gr	준		
		7 2381 SAIL ROOF	NEI I		
	igg	Og -	4		
,					

Examiner Signature	Jeveny	Novris	Date Considered	2-12-04
	1-10114		والمراجع والمراجع والمراجع والمساور والمساور والمساور والمراجع والمساور والمساور والمساور والمساور والمراجع	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.